

Notice of Allowability

Application No.

10/813,087

Applicant(s)

OCHIAI ET AL.

Examiner

Art Unit

Hana A. Sanei

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an Amendment filed on 8/13/07.
2. ☒ The allowed claim(s) is/are 2-4 and 10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Response to Amendment

The Amendment, filed on 8/13/07, has been entered and acknowledged by the Examiner.

Cancellation of claims 1, 5-9 has been entered.

Claims 2-4, 10 are pending in the instant application.

Allowable Subject Matter

A. Claim 2-4 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

The prior art of record teaches a display device comprising: signal lines which are formed on an upper surface side of a substrate to provide a display region; an insulation film which is formed to cover the signal lines except for terminal portions of the signal lines in periphery of the substrate; and conductive layers which extend in an extension direction of the signal lines layers to traverse the terminal portions, wherein a gap is formed in the insulation film and is shaped rectangular, a pair of holes are formed in the signal lines at portions underneath and corresponding to two sides of the gap along the extension direction, and each of the conductive layers is formed on the signal lines and between the pair of holes, while the insulated film is formed on the signal lines and outside of the pair of holes.

However, the prior art of record neither shows nor suggests a motivation for a part of said each conductive layer is formed on the insulating film as set forth in Claim 2.

Claims 3-4 are allowable because of their dependency status from claim 2.

B. Claim 10 is allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

The prior art of record teaches a display device comprising: signal lines which are formed on an upper surface side of a substrate to provide a display region; a first insulation film which is formed between the substrate and the signal lines, a second insulation film which is formed to cover the signal lines except for terminal portions of the signal lines in periphery of the substrate; and conductive layers which extend in the extension direction of the signal lines to traverse the terminal portions, a part of each of the conductive layers is formed on the second insulating film, wherein each of the signal lines branches to three along the extended direction to provide a central portion and two side portions and said each conductive layer is formed on the central portion, and the second insulation film is formed on the side portions.

However, the prior art of record neither shows nor suggests a motivation for a pair of holes are formed among the central portion and the two side portions, and the first insulation film are exposed at positions of the holes as set forth in Claim 10.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hana A. Sanei whose telephone number is (571) 272-8654. The examiner can normally be reached on Monday- Friday, 9 am - 5 pm.

Art Unit: 2879

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimeshkumar D. Patel can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Examiner
Hana A. Sanei



Joseph Williams
Primary Examiner